



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
James A. Moorer ) Group Art Unit: 2752  
Serial No.: 09/505,556 )  
Filed: February 17, 2000 )  
For: CD PLAYBACK AUGMENTATION )  
\_\_\_\_\_ ) San Francisco, California

Assistant Commissioner of Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231 on 6/19/2000

Mark T. Davis

Signature

Mark T. Davis June 19, 2000

Date

INFORMATION DISCLOSURE STATEMENT

Sir:

The following Form 1449 and copies of documents listed thereon are being filed herewith as an Information Disclosure Statement. Consideration of each of these documents by the Patent Examiner, and the making of each of them of record in the file of this application, are respectfully requested.

Respectfully submitted,

Dated: June (19), 2000.

Michael G. Cleveland  
Michael G. Cleveland, Reg. No. 46,030  
MAJESTIC, PARSONS, SIEBERT & HSUE P.C.  
Four Embarcadero Center, Suite 1100  
San Francisco, California 94111-4106  
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Atty. Docket: SONC.003US0

FORM PT01449  
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
SONC.003US0SERIAL NO.  
09/505,556

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

## APPLICANT

James A. Moorer

## FILED

February 17, 2000

## GROUP

2752

## U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A1	5	6	7	0	7	3	0	9/97	Grewe et al.			
	A2	5	7	5	1	6	7	2	5/98	Yankowski			
	A3	5	9	7	0	1	5	2	10/99	Klayman			
	A4	5	1	1	3	7	3	8	5/92	Krucoff			
	A5	5	7	6	4	7	7	5	6/98	Kim			
	A6	5	4	5	1	9	4	2	9/95	Beard et al.			
	A7	5	1	0	5	4	6	3	4/92	Veldhuis et al.			
	A8	5	8	4	4	5	1	3	12/98	Nishio			
	A9	5	4	5	1	9	4	2	9/95	Beard et al.			
	A10	5	8	7	2	5	3	1	2/99	Johnson et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)
	B1	WO	99	4	0	5	2	2	8/99	PCT			
	B2	EP	5	4	0	3	2	9	7/97	EPO			
	B3	EP	5	4	0	3	2	9	10/92	EPO			
	B4	WO	92	2	2	0	6	0	12/92	PCT			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

C1	Moorer et al., "Towards a Rational Basis for Multichannel Music Recording", Presented at the 104th AES Convention, May 16-19, 1998, pg. 1-27.
C2	Golub et al., "Matrix Computations", Third Edition, The Johns Hopkins University Press, 1996, pg. 69-72.
C3	Schroeder M.R., "Number Theory in Science and Communication: With Applications in Cryptography, Physics, Digital Information, Computing, and Self-Similarity", Second Enlarged Edition, 1990, pg. 177-178.
C4	Fletcher R., "Practical Methods of Optimization", Second Edition, 1987, pg. 80-94.
C5	Knuth Donald E., "The Art of Computer Programming, Second Edition, Volume 2, 1981, pg. 9-25.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



[illegible]



09/505,556

Serial No.:

In the Matter of the Application of:

SONIC. 003 USR  
Atty. File No.:

By: GPP:MC;BJD:MD

CD PLAYBACK AUGMENTATION

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Express Mail No.: \_\_\_\_\_
- ☐ Application \_\_\_\_\_ pages; \_\_\_\_\_ claims; and abstract
- ☐ Declaration and/or Power of Attorney
- ☐ Certificate Under 37 C.F.R. § 3.73(b)
- ☐ Assignment, PTO-1595
- ☐ Declaration Claiming Small Entity Status
- ☐ Response to Notice to File Missing Part
- ☐ Drawings \_\_\_\_\_ # of sheets
- ☒ Information Disclosure Statement, PTO-1449
- ☒ Other: References (27)
- ☐ Preliminary Amendment
- ☐ Response to Restriction Requirement
- ☐ Amendment/Response
- ☐ Petition for Extension of Time
- ☐ Notice of Appeal
- ☐ Reply Brief
- ☐ Transmittal Letter
- ☐ Issue Fee Transmittal
- ☐ Trademark Application and Specimens
- ☐ Check

Date Mailed: JUNE 19, 2000

☒ Other: \_\_\_\_\_

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*mem*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Moorer, James A.  
Assignee:  
Title: CD Playback Augmentation  
Serial No.: 09/505,556 Filing Date: February 17, 2000  
Examiner: (Not Assigned) Group Art Unit:  
Docket No.: M-10488 US 2752

San Jose, California  
August 10, 2001

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or

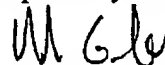
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3. an admission that the information cited herein is, or is considered to be,  
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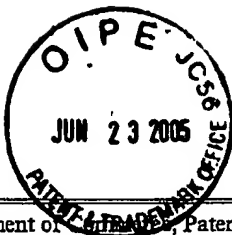
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Respectfully submitted,



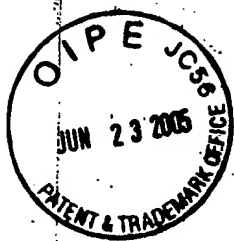
Michael G. Cleveland  
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U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.		Serial No.	
					M-10488 US		09/505,556	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)			
(Use several sheets if necessary)					Moorer, James A.			
					Filing Date		Group	
					February 17, 2000		2752	
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	EP 0777227A1	04.06.97	EPO			X	
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	Copy of PCT Search Report from related PCT Application No. PCT/US 01/03642, issued July 13, 2001, and received by Applicant on July 16, 2001.						
	AR	Yoshida, Tadao "The Rewritable Minidisc System" <i>Proceedings of the IEEE, US, IEEE, New York</i> , Vol. 82, No. 10, 1 October 1994 (1994-10-01), pages 1492-1500						
	AS							
Examiner			Date Considered					
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COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Applicants: Moorer, James A.  
Assignee:  
Title: CD Playback Augmentation  
Serial No.: 09/505,556  
Filed: February 17, 2000  
Atty Docket No.: M-10488 US

ENCLOSED:

1. This Return Receipt Postcard;
2. Information Disclosure Statement;
3. PTO 1449 Form
4. Two (2) references and a copy of the PCT Search Report citing the references
- 5.

MGC/vtl

August 10, 2001

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